

ABSTRACT

This invention relates to a circulation type liquid
5 helium recondensation device with a contaminant-purging
function capable of vaporizing and removing contaminants
deposited on the refiner in the device. Helium gas vaporizing
in the liquid helium storage tank 2 is pumped by the circulating
pump 7 and refined in the refiner 6. The refiner is provided
10 with heaters and also a discharge circuit on the inflow side.
The vaporized contaminants generated when the refiner 6 is
heated by the heaters are pumped by the circulating pump 7
or the dedicated purge pump 8 and vented to the atmosphere
via said discharge circuit.

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